

[54] **MASKED INTRAOCULAR LENS AND METHOD FOR TREATING A PATIENT WITH CATARACTS**

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[58] Field of Search 623/6

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[57] **ABSTRACT**

A masked intraocular lens for implantation into a human eye is presented. The mask, which blocks only part of the lens body, together with the pupil of the eye, defines a small aperture in the eye when the pupil is constricted, thereby increasing the depth of focus, as a pinhole camera does. When the pupil of the eye is dilated, additional light is allowed to pass through the pupil around the mask and to reach the retina to allow a person to see in dimmer light conditions. In one embodiment, the mask defines a small circular aperture and a larger exterior annulus; the small circular aperture has an additional power intermediate between that needed for distance and close vision. Also provided is a method for treating a patient with cataracts comprising replacing the patient's lens with the lens of the invention.

15 Claims, 13 Drawing Sheets

